

MICROSCOPE DIGITAL 12V

MANUFACTURER: MICROSCOPE WORLD

Manufacturer Model# DC3-163

Manufacturer's PHONE: (760) 438-0528 FAX: (760) 438-0553

Manufacturer's Website: <http://www.microscopeworld.com>

Item Web Link:

<http://www.microscopeworld.com/p-865-national-optical-dc3-163-video-microscope-and-software.aspx>

AAC 'L' ITEM NSN 6650-01-510-9488

UAs: 505A, N436

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$2,480.00

System Description: Binocular digital and video high power microscope with built-in camera. Allows connection to either TV or LCD projector or to a computer through the USB port. Objective turret (nosepiece) is in reverse position to permit easier changing and positioning of specimen slides.

Features:

- Objective lenses: 4x, 10x, 40xR, 100xR, oil immersion
- Eyepieces: Widefield 10x/18 mm eyepiece
- Total magnification: 40x, 100x, 400x, 1000x
- 30° inclined binocular eyepieces with dual diopters and interpupillary adjustment 54 to 76 mm. Three-position sliding rod directs light 100 percent to binocular eyepieces or camera or 70 percent to camera and 30 percent to binocular eyepieces
- Specimen stage: large 140 x 135 mm (5.5 x 5.25 inches) with built-in, low-profile, ball-bearing-mounted mechanical specimen holder with low-position coaxial controls, 70 by 50 mm (xy) movement with graduations of 0.1 mm. -1.25 NA Abbe condenser has rack & pinion focusing, iris diaphragm, and swing-out filter holder with clear, blue, green, and yellow filters supplied
- Focusing: coaxial coarse and fine focusing controls; coarse has tension adjustment, fine is graduated
- Illumination: 12 V, 20 W halogen lamp with variable rheostat control (embedded)
- Includes power pack that automatically converts input of 100-240 VAC, 50/60 Hz to 12 VDC output. UL and CE listed

System Requirements:

- Windows 98 or above, Mac 9.2; will not work with Vista or other 64-bit operating systems
- RAM 128 MB or above, 256 MB of RAM for MotiC Images to operate properly on Win XP
- Intel Pentium CPU 200 MHz or above
- Hard disk 200 MB or above
- CD-ROM drive
- USB port



**MICROSCOPE DIGITAL 12V
PART # DC3-163
NSN 6650015109488**

MICROSCOPE DIGITAL 12V
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

| | | |
|---------------------------|---|----------------------|
| Item Dimensions | Height (Inches) | 16 |
| | Width (Inches) | 7.25 |
| | Length (Inches) | 9.25 |
| | Cube (Cubic Feet) | 0.6209 |
| | Weight | 13.9 lbs |
| Ship Dimensions | Height (Inches) | 23 |
| | Width (Inches) | 12 |
| | Length (Inches) | 18 |
| | Cube (Cubic Feet) | 2.875 |
| | Weight | 21 lbs |
| Storage Temp | | -70 to 140 °F |
| Operating Temp | | -50 to 120 °F |
| Storage Humidity | | 40 to 95% |
| Operating Humidity | | |
| Amps | | |
| Watts | | |
| Power Requirements | 100-240 VAC, 50/60 Hz for 12 VDC power convertor | |
| Notes | Camera Specifications: <ul style="list-style-type: none"> • Self-powered through computer, connects via USB 2.0 port • 0.4 mega pixel camera built into microscope • 1/3" CCD Imaging Device • Connects to TV or LCD projector with RCA or S-Video connection (NTSC Analog signal) - 480 TV lines • Captures moving images at 30 frames per second • Effective pixels 712 x 582 • Includes Motic Images Version 2.0 software • Images can be captured and saved as either .jpg, .bmp or .mig files | |

**MICROSCOPE DIGITAL 12V
ACCESSORIES & CONSUMABLES - STARTUP**

| NSN | Notes | Nomenclature | MFR PN Microscop e World | DIST PN | QTY | UI | Unit Price | Total Price | Shelf Life Mon. |
|------------------|--------------|---|--------------------------------|---------|-----|----|--------------------|--------------------|-----------------------|
| 6650015109488 | | Microscope Digital 12V | DC3-163 | | 1 | EA | \$2,480.00 | \$2,480.00 | N/A |
| | Awaiting NSN | Cord, Power w/Power Supply Converter | D905 | | 1 | EA | Incl w/NSN 9488 | Incl w/NSN 9488 | N/A |
| 6515015313533 | | Cable, USB 6 Ft. | 094417 | | 1 | EA | Incl w/NSN 9488 | Incl w/NSN 9488 | N/A |
| 6525011399314 | | Cable, Video Signal | C7033GA | | 1 | EA | Incl w/NSN 9488 | Incl w/NSN 9488 | N/A |
| NSN Not Required | | Software, Motic Image Version 2.0 | D-CD2 | | 1 | EA | Incl w/NSN 9488 | Incl w/NSN 9488 | N/A |

**MICROSCOPE DIGITAL 12V
WEB LINKS**

Click Below for Motic 2.0 Software Download

<<http://www.microscopeworld.com/MSWorld/software.aspx>>

Click Below for Detailed Microscope Information

<<http://www.nationaloptical.com/products/digital/models/DC3-163.html>>

Click Below for Microscope Diagram

<<http://www.nationaloptical.com/products/PDF%20Microscope%20Diagrams/DC3-163Diagram.pdf>>

Click Below for Operator Manual

<<http://www.nationaloptical.com/products/PDF%20Supplement%20Guides/SupplementDC3-156-S.DC3-163.DC3-420TH.DAC-3.pdf>>